

Abstract

A fuel pump prevents pressurized fuel from being pulled into a clearance between an outer circumference face of an impeller and an inner circumference face of a pump case, thereby allowing the delivery of the pressurized fuel from a pump body side to a pump cover side through through-holes of the impeller.

Since a clearance C2 between an impeller outer circumference face 16p and a pump cover inner circumference face 39c is made extremely small, the pressurized fuel is caused to pass via through-holes 16c that communicate between an upper and an lower side of an impeller 16. By this means, it is difficult for the pressurized fuel to enter the clearance C2, and it is possible to prevent the decrease in pump efficiency caused by pressure at the impeller outer circumference face 16p and the vicinity thereof.